

47324, A NOVEL HUMAN G-PROTEIN AND  
USES THEREFOR

5

Abstract

The invention provides isolated nucleic acids molecules, designated 47324 nucleic acid molecules, which encode novel G-protein family members, preferably Ras family members. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 47324 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 47324 gene has been introduced or disrupted. The invention still further provides isolated 47324 proteins, fusion proteins, antigenic peptides and anti-47324 antibodies. Diagnostic methods utilizing compositions of the invention are also provided.